Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036188.D
Acq On : 8 Aug 2018 8:47
Operator : JU/SJ
Sample : PB111825BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111825BSD

Manual Integrations APPROVED
Sohil
8/8/2018 5:55:13 PM

Quant Time: Aug 08 11:06:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28713	20.00	ng		-0.02
21) Naphthalene-d8	10.80	136	103566	20.00	ng		-0.03
38) Acenaphthene-d10	14.63	164	74321	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	212665	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	242546	20.00	ng		-0.02
86) Perylene-d12	24.83	264	233347	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	218921	126.58	ng		-0.01
7) Phenol-d6	7.19	99	311978	120.91	ng		-0.01
23) Nitrobenzene-d5	9.17	82	202455	81.66	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	160536	163.88	ng		-0.02
44) 2-Fluorobiphenyl	13.25	172	477931	86.15	ng		-0.02
78) Terphenyl-d14	19.99	244	1045772	95.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	28350	32.207	ng	#	71
3) Pyridine	3.90	79	77780	33.848	ng	#	68
4) n-Nitrosodimethylamine	3.81	42	33424	33.875	ng	#	86
6) Aniline	7.34	93	95051	28.420	ng		95
8) 2-Chlorophenol	7.58	128	72654	41.306	ng		99
9) Benzaldehyde	7.15	77	41840	26.427	ng		96
10) Phenol	7.21	94	106189	40.734	ng		87
11) bis(2-Chloroethyl)ether	7.43	93	71688	35.114	ng		85
12) 1,3-Dichlorobenzene	7.90	146	86749	40.840	ng		96
13) 1,4-Dichlorobenzene	8.04	146	88081	40.813	ng		94
14) 1,2-Dichlorobenzene	8.36	146	81764	39.437	ng		90
15) Benzyl Alcohol	8.25	79	78425	33.469	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.53	45	76986	44.979	ng		68
17) 2-Methylphenol	8.45	107	70708	39.893	ng	#	90
18) Hexachloroethane	9.08	117	35377	42.872	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	66676	30.686	ng	#	84
20) 3+4-Methylphenols	8.79	107	91930	37.387	ng		93
22) Acetophenone	8.83	105	124413	38.630	ng	#	89
24) Nitrobenzene	9.21	77	100942	40.486	ng		97
25) Isophorone	9.74	82	181354	39.406	ng		97
26) 2-Nitrophenol	9.92	139	43725	49.380	ng	#	91
27) 2,4-Dimethylphenol	9.98	122	71357	47.607	ng		87
28) bis(2-Chloroethoxy)methane	10.21	93	97488	38.443	ng	#	92
29) 2,4-Dichlorophenol	10.47	162	82557	48.251	ng		89
30) 1,2,4-Trichlorobenzene	10.67	180	93886	44.749	ng		98
31) Naphthalene	10.86	128	221792	41.112	ng		97
32) Benzoic acid	10.16	122	24909	24.686	ng		90
33) 4-Chloroaniline	10.98	127	57855	24.605	ng	#	95
34) Hexachlorobutadiene	11.14	225	76492	46.755	ng		98
35) Caprolactam	11.76	113	28180m	38.379	ng		
36) 4-Chloro-3-methylphenol	12.10	107	101056	44.063	ng		92
37) 2-Methylnaphthalene	12.46	142	172216	42.848	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	123148	43.901	ng		99
40) Hexachlorocyclopentadiene	12.81	237	158875	107.995	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	79247	48.308	ng		98
43) 2,4,5-Trichlorophenol	13.16	196	85851	46.781	ng	#	92
45) 1,1'-Biphenyl	13.47	154	239906	41.635	ng		99
46) 2-Chloronaphthalene	13.51	162	191595	42.748	ng		99
47) 2-Nitroaniline	13.72	65	65995	41.650	ng		92
48) Acenaphthylene	14.36	152	315524	42.026	ng		97
49) Dimethylphthalate	14.09	163	268327	41.207	ng		99
50) 2,6-Dinitrotoluene	14.21	165	62892	47.430	ng		92
51) Acenaphthene	14.70	154	183719	39.282	ng		99
52) 3-Nitroaniline	14.55	138	42809	31.587	ng	#	95
53) 2,4-Dinitrophenol	14.75	184	51847	76.361	ng	#	68
54) Dibenzofuran	15.03	168	318209	42.781	ng		95
55) 4-Nitrophenol	14.86	139	71156	73.723	ng	#	82
56) 2,4-Dinitrotoluene	15.00	165	94756	49.810	ng		90
57) Fluorene	15.68	166	270052	43.318	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	91268	51.870	ng		90
59) Diethylphthalate	15.45	149	270959	40.468	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	157840	43.077	ng		98
61) 4-Nitroaniline	15.71	138	60178	42.448	ng		86
62) Azobenzene	15.96	77	271099	41.048	ng		95
64) 4,6-Dinitro-2-methylphenol	15.77	198	52165	44.065	ng		82
65) n-Nitrosodiphenylamine	15.89	169	242154	40.004	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	107090	43.404	ng		94
67) Hexachlorobenzene	16.68	284	112371	44.226	ng		94
68) Atrazine	16.83	200	114836	46.076	ng		96
69) Pentachlorophenol	17.04	266	99940	64.577	ng		97
70) Phenanthrene	17.42	178	453199	42.708	ng		99
71) Anthracene	17.51	178	460373	43.570	ng		98
72) Carbazole	17.78	167	425916	42.445	ng		98
73) Di-n-butylphthalate	18.33	149	478569	40.358	ng	#	98
74) Fluoranthene	19.43	202	631763	44.199	ng		97
76) Benzidine	19.61	184	235595	36.947	ng		97
77) Pyrene	19.79	202	628395	40.974	ng		98
79) Butylbenzylphthalate	20.67	149	232744	42.438	ng	#	95
80) Benzo(a)anthracene	21.62	228	629127	41.623	ng		100
81) 3,3'-Dichlorobenzidine	21.54	252	170989	32.444	ng	#	95
82) Chrysene	21.69	228	599763	42.820	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	317127	42.533	ng		99
84) Di-n-octyl phthalate	22.71	149	537640	43.066	ng	#	91
85) Indeno(1,2,3-cd)pyrene	28.46	276	647009	41.723	ng	#	86
87) Benzo(b)fluoranthene	23.82	252	600974	42.374	ng	#	95
88) Benzo(k)fluoranthene	23.89	252	576851	41.603	ng	#	98
89) Benzo(a)pyrene	24.68	252	571870	43.341	ng	#	96
90) Dibenzo(a,h)anthracene	28.50	278	545126	42.083	ng	#	94
91) Benzo(g,h,i)perylene	29.60	276	549459	43.347	ng	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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